

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/NO 2005/000012

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: A61P 35/84 // A61P31/00, A61P37/08, A61P33/00  
 According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Week 200374 Derwent Publications Ltd., London, GB; Class D13, AN 2003-785685 & KR 2003021096 A (HUR T W ET AL), 12 March 2003 (2003-03-12) abstract	1-2,6-10
A	--	3-4
X	OSAKI YOSHIKO ET AL, "Antimutagenic and Bactericidal Substances in the Fruit Body of a Basidiomycete Agaricus blazei Agaricus blazei", Yakugaku Zasshi, Jun 17, 1994, Vol. 114, No. 5, p. 342-350, see abstract, fig 5	1-2,6-10
A	--	3-4

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search

11 July 2005

Date of mailing of the international search report

13-07-2005

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	STN International, File CAPLUS, CAPLUS accession no. 2001:461386, document no. 136:4949, Zhugiu, Ye et al: "Antibacterial activity of <i>Agaricus blazei</i> ", & Shipin Kexue (Beijing) (2001), 22(4), 82-84	1-2,6-10
A	--	3-4
X	SORIMACHI KENJI ET AL, "Inhibition by <i>Agaricus blazei</i> Murill Fractions of Cytopathic Effects Induced by Western Equine Encephalitis (WEE) Virus on VERO Cells in Vitro", Biosci. Biotechnol. Biochem. 2001, Vol. 65, No. 7, p. 1645-1647	1-2,6-10
A	--	
A	WO 2003020944 A2 (MEDIMUSH APS), 13 March 2003 (13.03.2003), page 5, line 10; page 15, line 4	1-4,6-10
A	--	
A	DATABASE WPI Week 200350 Derwent Publications Ltd., London, GB; Class B04, AN 2003-527661 & JP 2003040785 A (YASUKAI KK ET AL), 13 February 2003 (2003-02-13) abstract	1-2,3-4,6-10
A	--	
A	CHEN L. ET AL, "Coimmunization of <i>Agaricus blazei</i> Murill extract with hepatitis B virus core protein through DNA vaccine enhances cellular and humoral immune responses", International Immunopharmacology March 2004, Vol. 4, No. 3, p. 403-409	1-4,6-10
A	--	
X	EP 0413053 A1 (NIPPON HYPOX LABORATORIES INCORPORATED), 20 February 1991 (20.02.1991), see page 5, line 34-35, claim 1, claim 8	1,5-6,10
A	--	7-9

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0185191 A1 (TSUKUBA BIOSYSTEM, LTD.), 15 November 2001 (15.11.2001)	1,5-6,10
A	---	7-9
X	DATABASE WPI Week 200006 Derwent Publications Ltd., London, GB; Class B04, AN 2000-065421 & JP 11 279204 A (SUMITOMO FORESTRY CO LTD), 12 October 1999 (1999-10-12) abstract	1,5-6,10
A	---	7-9
A	DATABASE WPI Week 199952 Derwent Publications Ltd., London, GB; Class B04, AN 1999-604899 & JP 11263732 A (ICHIMARU PHARCOS INC), 28 September 1999 (1999-09-28) abstract	1,5-10
A	DATABASE WPI Week 100017 Derwent Publications Ltd., London, GB; Class D13, AN 2000-189118 & JP 20 00032946 A (KYODO KENKO SHIZEN SHOKUHIN KK), 2 February 2000 (2000-02-02) abstract	1,5-10
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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

28/05/2005

International application No.

PCT/NO 2005/000012

**WO 2003020944 A2 13/03/2003 NONE**

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EP	0413053	A1	20/02/1991	JP	1161801	U	10/11/1989
				JP	1228480	A	12/09/1989

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WO	0185191	A1	15/11/2001	AU	4455201	A	20/11/2001
				EP	1280544	A	05/02/2003
				JP	2004501096	T	15/01/2004
				US	20030104006	A	05/06/2003

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